

## Engaging with a diverse and inclusive community to reach consensus on climate services

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Barcelona Supercomputing Center (BSC)

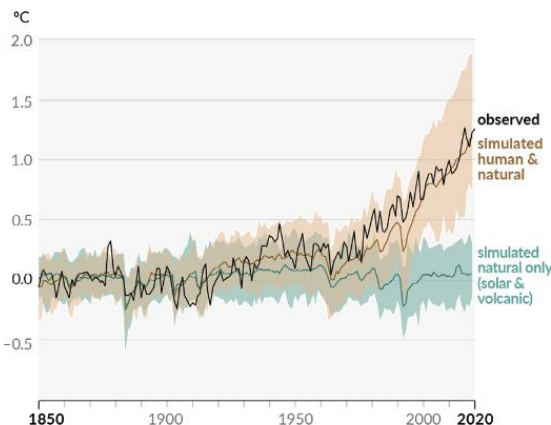
Open Science Communication Conference, Belgrade, 25 November 2022



## IPCC - What has happened so far

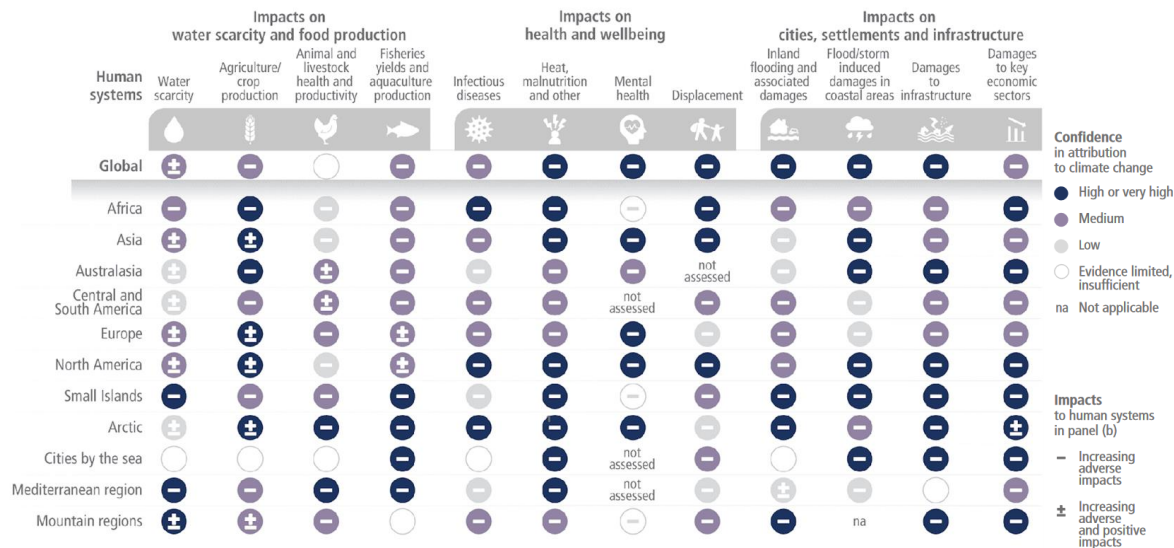
### Human influence has warmed the climate

(a) Change in global surface temperature (annual average) relative to 1850-1900 as **observed** and simulated using **human & natural** and **only natural** factors (both 1850-2020)



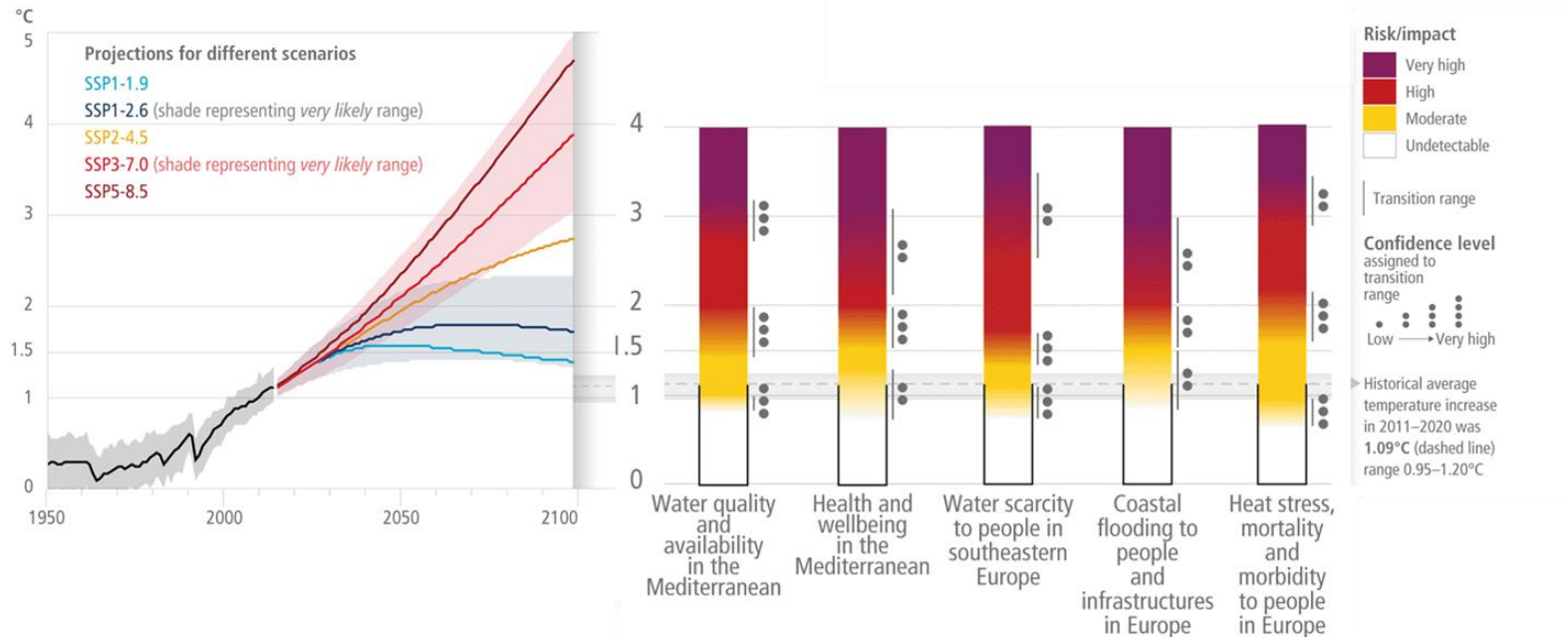
Adapted from the IPCC Sixth Assessment Report (AR6) Working Group I Summary for Policymakers

### Observed impacts of climate change in human systems

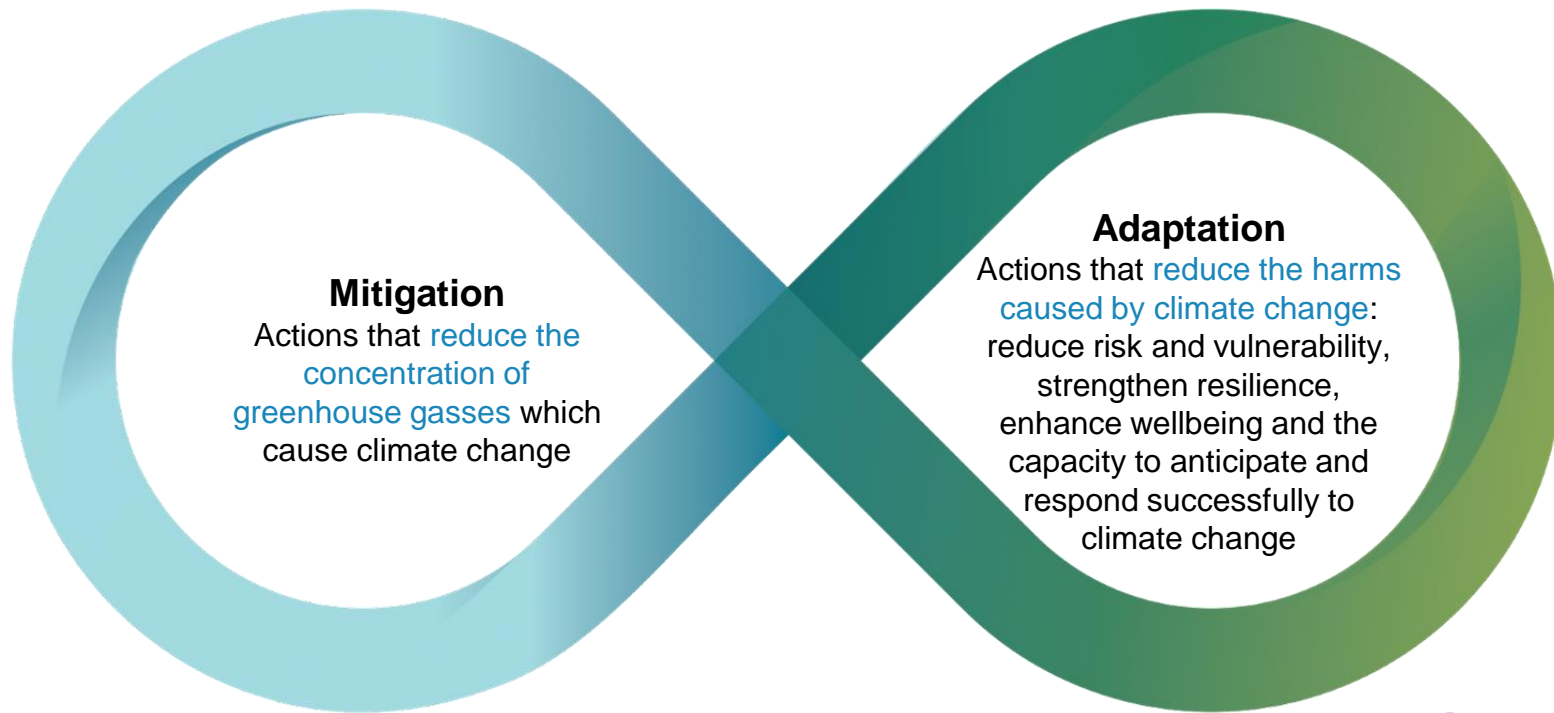


IPCC Sixth Assessment Report (AR6) Working Group II Summary for Policymakers

## IPCC - Risks for increasing levels of global warming



## Mitigation vs adaptation



## What are climate services?

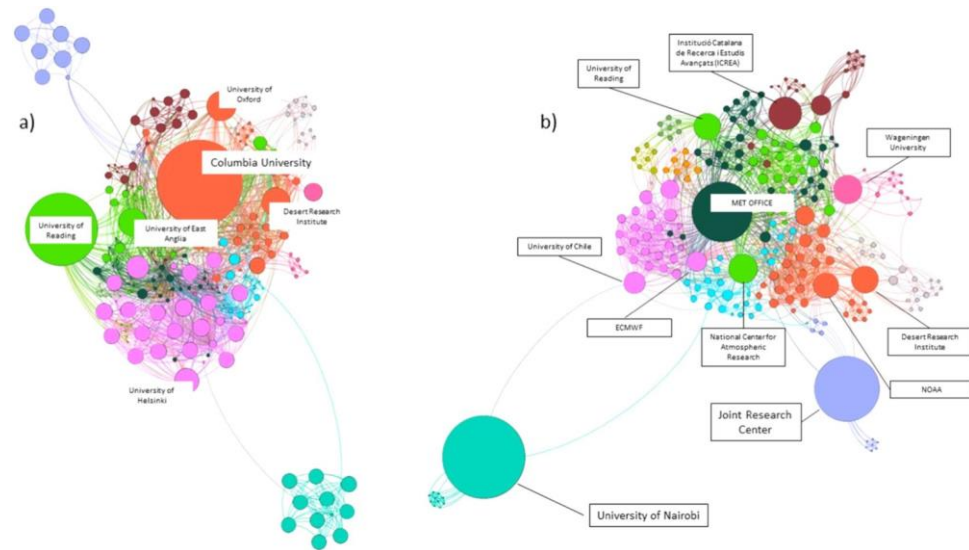
**Climate services** are the provision of climate information and knowledge for use in decision making that support adaptation and mitigation

Climate services need to be co-produced with the potential users of this information

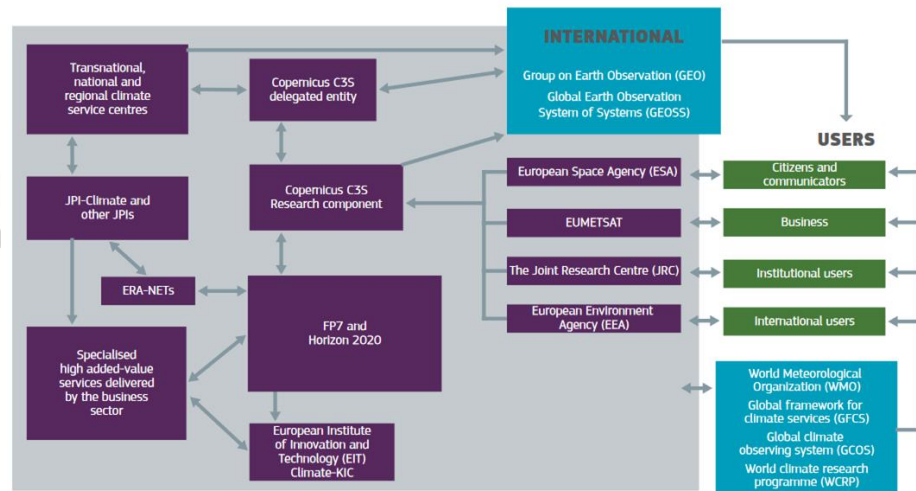


*Hewitt & Stone (2021) Climate services for managing societal risks and opportunities*

## A complex and fragmented landscape



EC Roadmap for climate services (2015) Scheme of relationships within the European climate services landscape



Larosa & Mysiak (2019) Mapping the landscape of climate services



## Supporting and standardising climate services in Europe and beyond



**Climateurope2 is a Horizon Europe Coordination and Support Action** that will run from 2022-2027. The project aims to support and develop the community of climate services in Europe. It also aims to increase the uptake of climate services and their standardisation process. **Climate services** are information and knowledge that can help people and organizations deal with the impacts of climate variability and climate change.

**JOIN OUR NETWORK**

<https://climateurope2.eu>

## Target groups





## We don't start from scratch



### Twitter

2,288 Followers  
3,692 Tweets

### YouTube

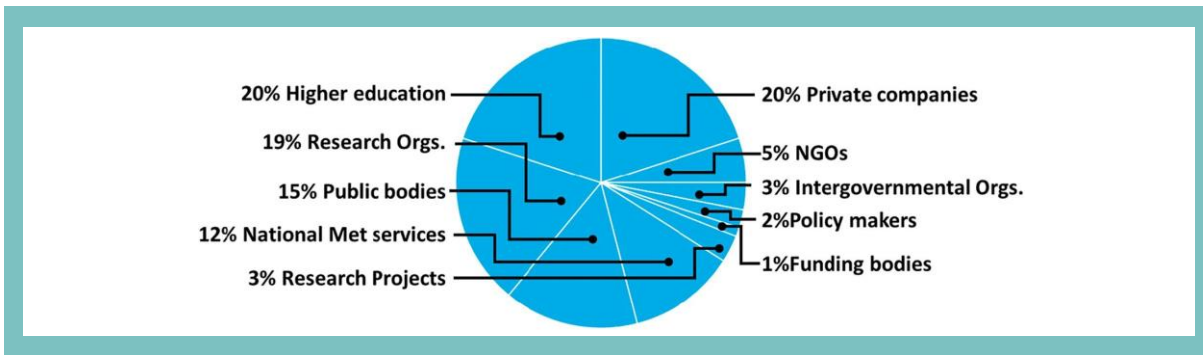
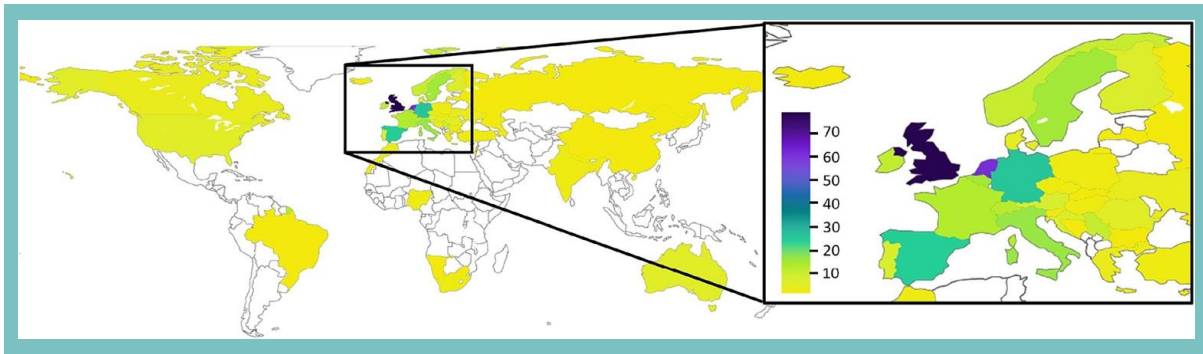
134 Subscribers  
33 Videos  
4,076 Views

### LinkedIn

Private Group

308 Members

Social Media Today



Hewitt et al. (2021) Coordination of Europe's climate-related knowledge base

## Supporting an equitable climate services community

**Climateurope2 platform:** to build consensus on inventories, good practices and guidelines, and standardisation processes.

- **Festivals**
- **Webstivals**
- **Roadshow**, to bring the 'festivals' idea to different nations to engage, bring capacity and help drive action locally
- **Science-art activities**
- **Events for journalists**
- **Business breakfasts**, for standardisation, certification and other business stakeholders
- **User perspectives webinar series**, where network participants will be the protagonists
- **Podcasts**



*Climateurope project leaflet*



European  
Commission

| Climateurope2

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# Thank you

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